

# EHS Monthly Updates- February 2019

Facilities/EHS  
17 March 2019



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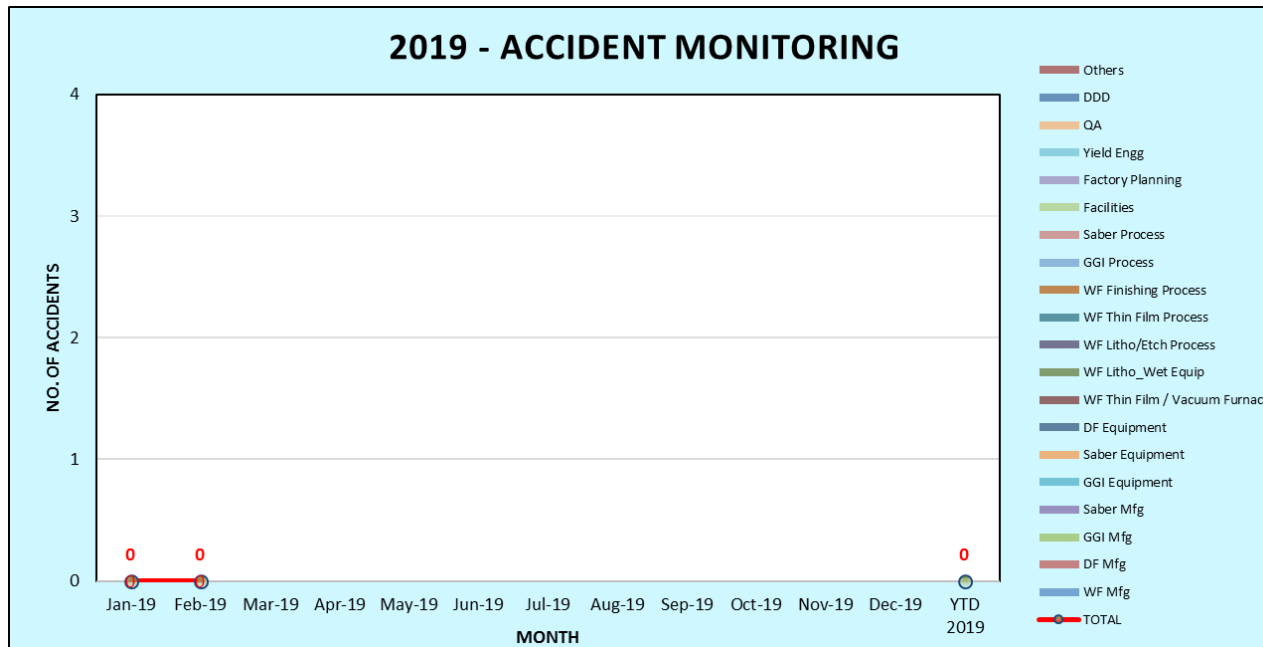
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# 1. EHS Monthly KPI Status

## A. Accident Monitoring

Accident an event that has given rise to injury, ill health or fatality. This includes lost workday case, first aid case, restricted work case and case that requires medical treatment by a medical practitioner.



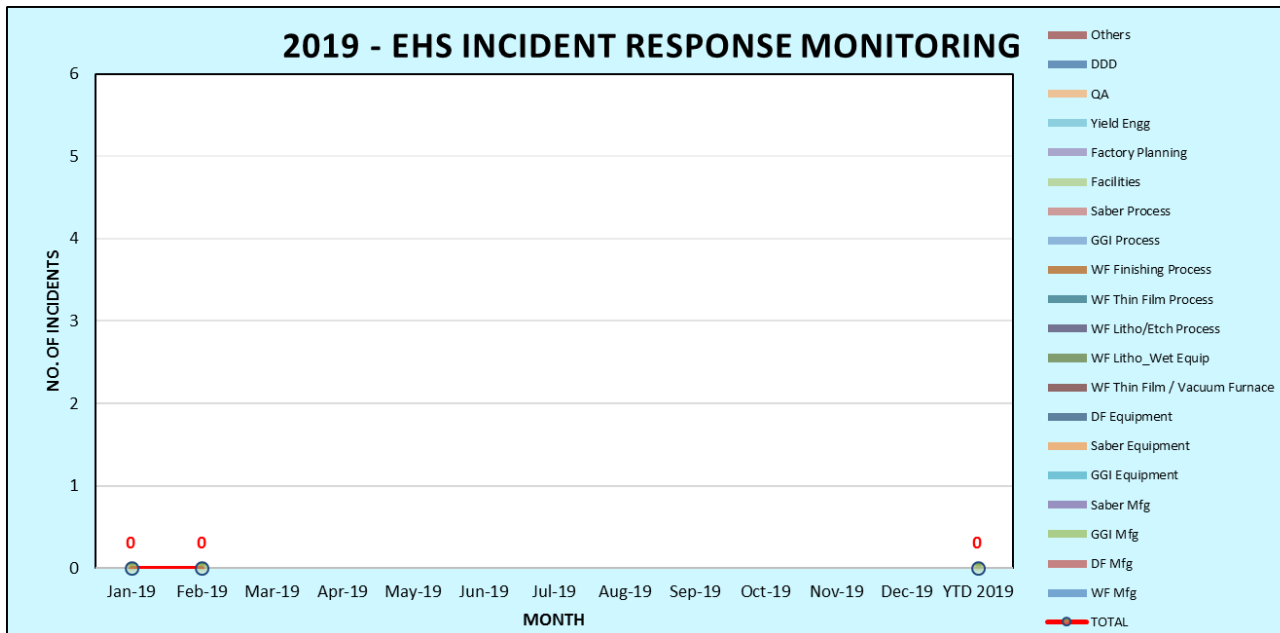
### Description of Accidents:

1. January 2019 – No accident recorded
2. February 2019 - No accident recorded

# 1. EHS Monthly KPI Status

## B. EHS Incident Response Monitoring

EHS Incident is an event that includes dangerous occurrence, and any emergency situation that requires ERT's response such as chemical spillage, gas leak, or fire, due to activities carried out at the workplace.



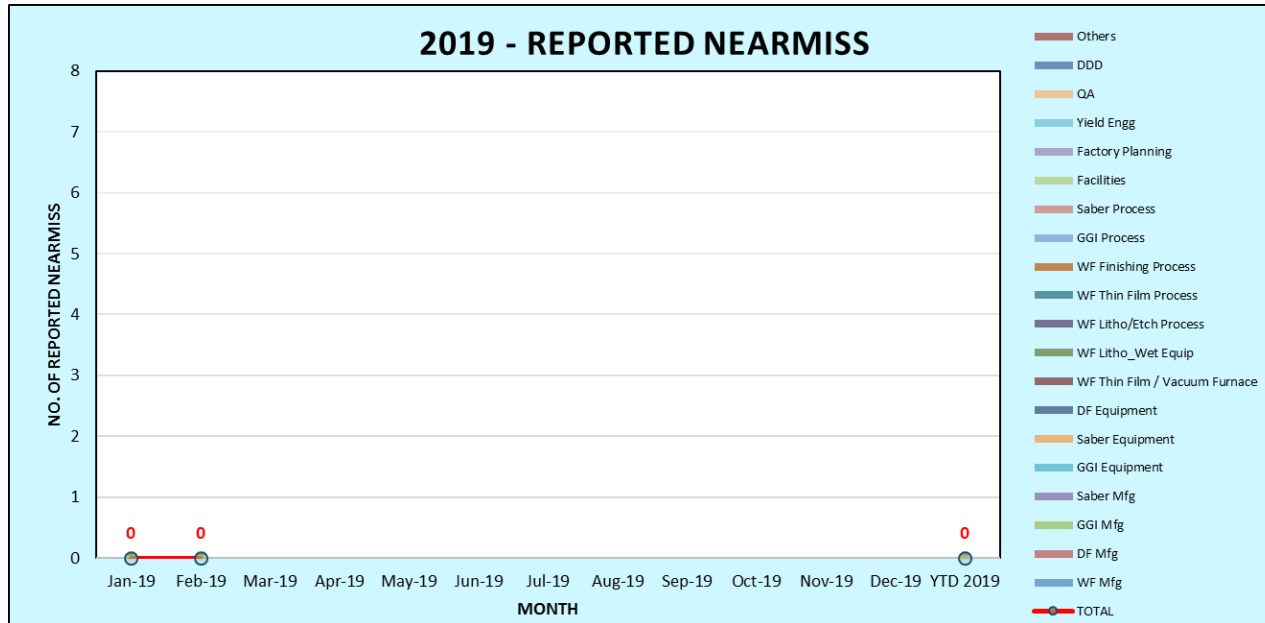
### Description of Incidents:

1. January 2019 - No incident recorded
2. February 2019 - No incident recorded

## 2. EHS Monthly KPI Status

### C. Near Miss Monitoring

Near Miss - an event that does not incur injury or ill health, but has the potential to do so

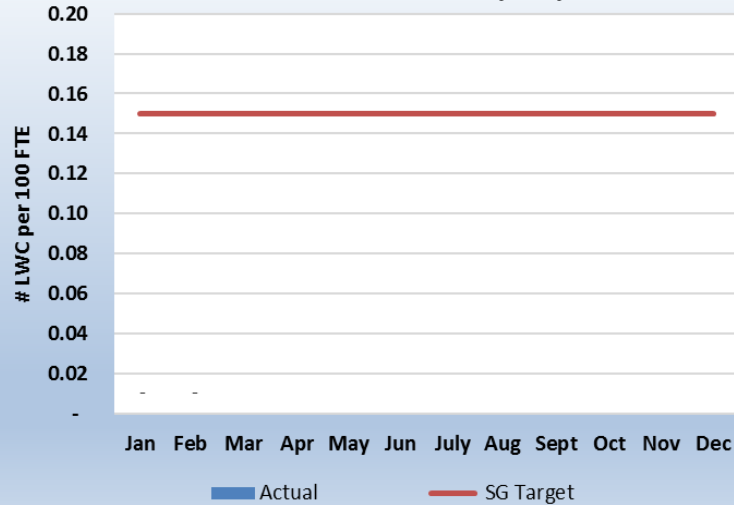


#### Remarks:

1. January 2019 - No near miss reported
2. February 2019 - No near miss reported

## 2. EHS Monthly KPI Status

2019 LWC Rate (YTD)



Accident Rate as of 01 Mar 2019

### Lost Workday Cases Rate:

The total number of lost workday cases per 100 fulltime employees (FTE)

2019 TRC Rate (YTD)



## 2. EHS Monthly KPI Status

2019 TRC Rate (YTD)



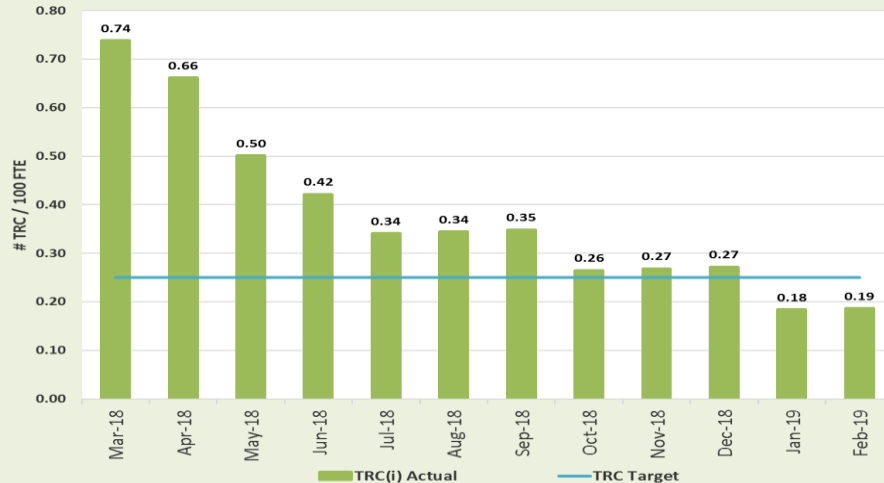
Accident Rate as of 01 Mar 2019

### Total Recordable Cases Rate:

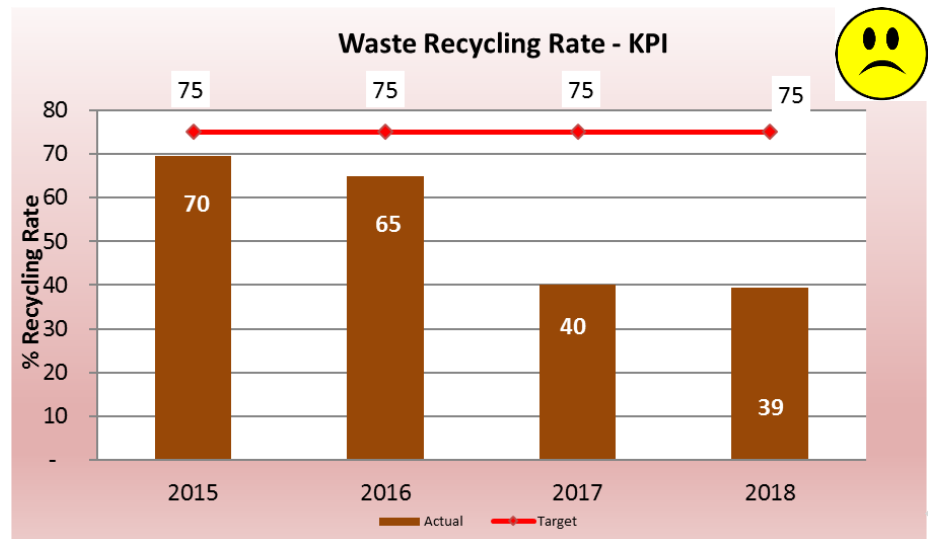
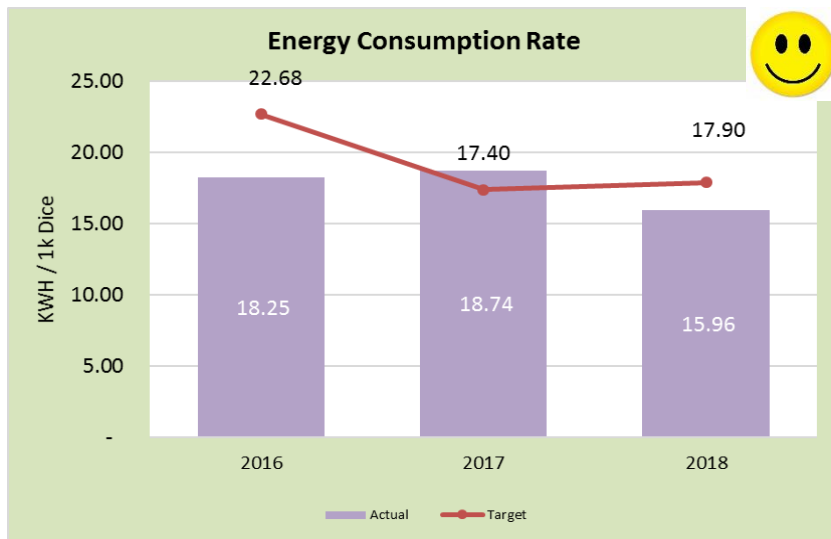
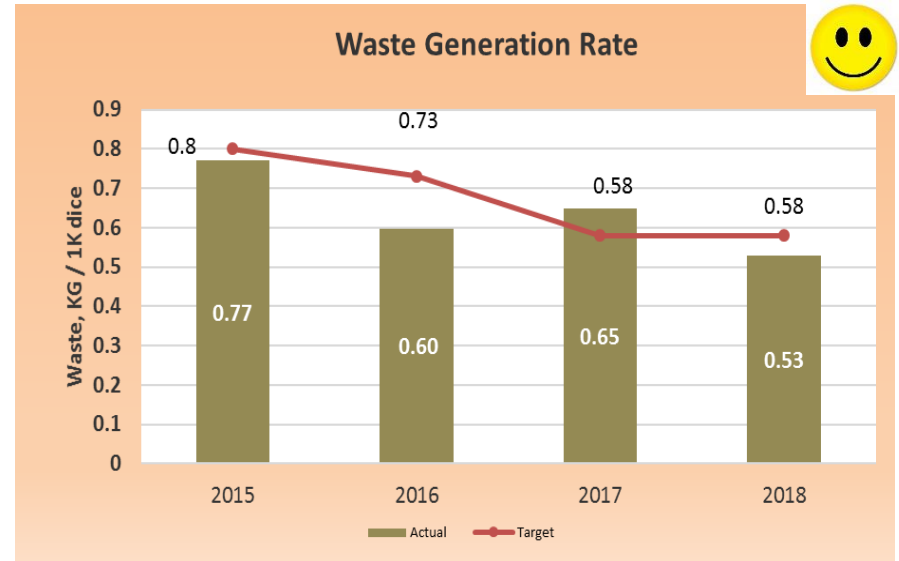
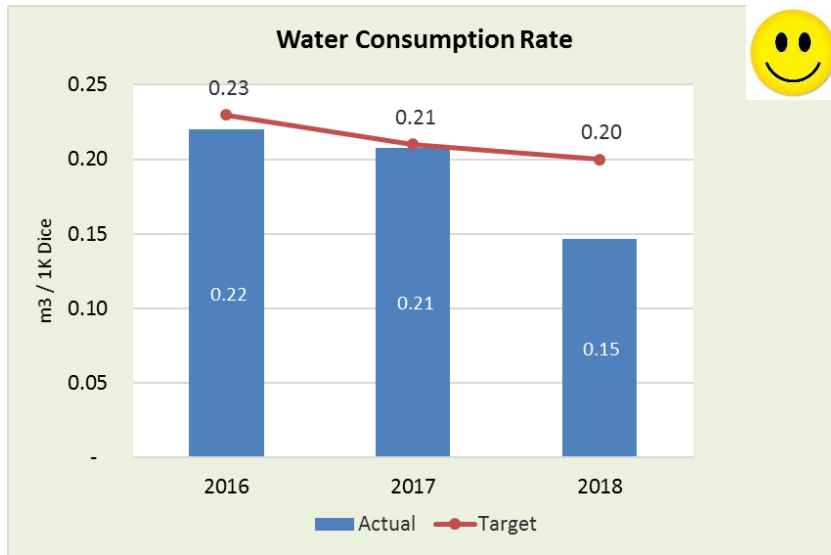
The number of recordable cases per 100 full time employees (FTE)

**Recordable cases include:** Lost workday case, restricted work case, medical treatment, first aid treatment case and occupational illness case

TRC Rolling Rate (12 months ave)



## 2. EHS Yearly KPI Status






### 3. SAFETY FLASH – SHARING OF ACCIDENTS

#### Safety Flash Automotive Lamps

Factory : Pabianice

#### Accident description (LWC)

	Information	Accident Description with picture
Department	Halogen Lamp department	
When	26.02.2019	
Where	RA3 finishing line	
Description	<ol style="list-style-type: none"> <li>1. The setter decided to empty the scrap container from side not dedicated for that purpose (inside of safety covers) using service access doors</li> <li>2. The safe place of emptying scrap container is located of the opposite side (outside of the safety covers)</li> <li>3. While reaching the scrap container he put his arm and head into working zone of the lamps transfer arm which hit his head</li> </ol>	
Injury	Skin cut on the head	

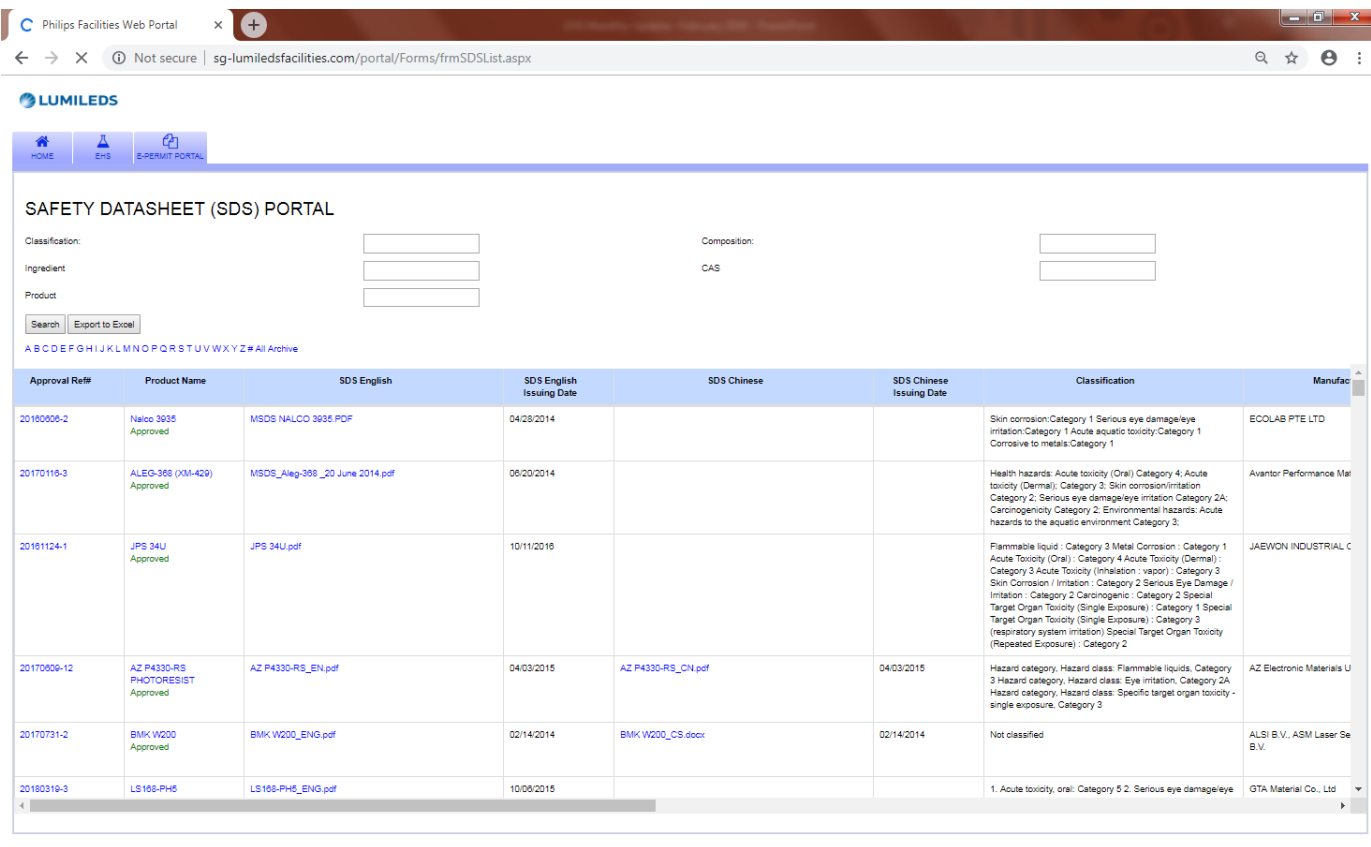
#### Root cause analysis and action

Root cause	Action	When
1. Unsafe behavior putting arm and head into working zone of the lamps transfer arm	1. Inform all department's employees about the accident with stress on the causes of the accident	26.02.2019
	2. Install additional cover on working area of transfer arm	26.02.2019
	3. Kaizen event to define the root cause	27.02.2019
	4. Perform additional workplace risk assessment for RA3 finishing line	22.03.2019
	5. Analyze the possibility of using additional technical solutions limiting the access to the scrap containers in a place not intended for that purpose	31.03.2019
	6. Repeat workplace training for setter after his come back to work. Remind the safety rules for emptying the container from the scrap	31.03.2019

## 3. Other Matters

### Chemical Safety Data Sheet (SDS)

- Starting 01 April 2019 –all SDS can be accessed at Facilities EHS Portal using the link below
- <http://sg-lumiledsfacilities.com/portal/Forms/frmSDSList.aspx>

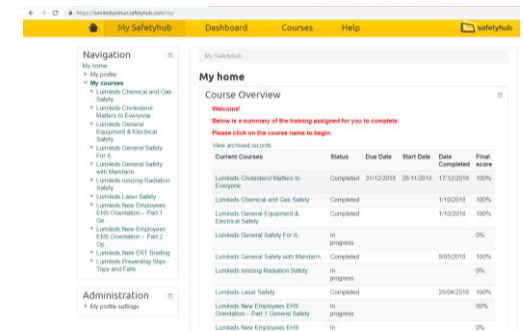


Approval Ref#	Product Name	SDS English	SDS English Issuing Date	SDS Chinese	SDS Chinese Issuing Date	Classification	Manufacturer
20150506-2	Nalco 3935 Approved	MSDS NALCO 3935 PDF	04/28/2014			Skin corrosion: Category 1 Serious eye damage/eye irritation: Category 1 Acute aquatic toxicity: Category 1 Corrosive to metals: Category 1	ECOLAB PTE LTD
20170118-3	ALEG-368 (3M-429) Approved	MSDS_Aleg-368_20 June 2014.pdf	06/20/2014			Health hazards: Acute toxicity (Oral): Category 4; Acute toxicity (Dermal): Category 3; Skin corrosion/irritation: Category 2; Serious eye damage/eye irritation: Category 2A; Carcinogenicity: Category 2; Environmental hazards: Acute hazards to the aquatic environment: Category 3.	Avantor Performance Mat
20151124-1	JPS 34U Approved	JPS 34U.pdf	10/11/2016			Flammable liquid: Category 3 Metal Corrosion: Category 1 Acute Toxicity (Oral): Category 4 Acute Toxicity (Dermal): Category 3 Acute Toxicity (Inhalation: vapor): Category 3 Skin Corrosion/Irritation: Category 3 Serious Eye Damage/Irritation: Category 2 Carcinogenic: Category 2 Special Target Organ Toxicity (Single Exposure): Category 1 Special Target Organ Toxicity (Single Exposure): Category 3 (Respiratory system irritation) Special Target Organ Toxicity (Repeated Exposure): Category 2	JAEWON INDUSTRIAL C
20170509-12	AZ P4330-RS PHOTORESIST Approved	AZ P4330-RS_EN.pdf	04/03/2015	AZ P4330-RS_CN.pdf	04/03/2015	Hazard category: Hazard class: Flammable liquids, Category 3 Hazard category: Hazard class: Eye irritation, Category 2A Hazard category: Hazard class: Specific target organ toxicity - single exposure, Category 3	AZ Electronic Materials U
20170731-2	BMK W200 Approved	BMK W200_ENG.pdf	02/14/2014	BMK W200_CS.docx	02/14/2014	Not classified	ALSI B.V., ASM Laser Se B.V.
20180319-3	LS 16S-PH5	LS 16S-PH5_ENG.pdf	10/05/2015			1. Acute toxicity, oral: Category 5 2. Serious eye damage/eye	GTA Material Co., Ltd

## 9. Other Matters

### EHS Training Calendar for 2019

- Training Needs Analysis (TNA) will be sent to Managers/Supervisors to review the EHS trainings of their staff.
- All EHS online trainings will be accessible at Safetyhub  
<https://lumiledsyishun.safetyhub.com/my/>



	Topics		Training Material	Type	Employee (IL/DL)	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	General Safety	Jennifer	ppt	online	IL										
2	Chemical & Gas Safety	Jennifer	ppt	online	IL / DL										
3	Noise and Hearing Conservation	Effendi	video + ppt	online	IL / DL										
4	PPE	Effendi	video + ppt	online	IL / DL										
5	Hazardous Atmosphere & Respirators	Effendi	video	online	IL / DL										
6	General Equipment Safety/Electrical Safety	Jhun		online	IL / DL										
7	Laser Safety	Jhun		online											
8	Ionizing Radiation	Effendi		online											
9	Forklift Safety	Effendi	video	online	IL / DL										
10	Principles of Safe Lifting and Carrying	Effendi		online											
11	Prevention of Slip, Trip and Fall	Jhun		online											
12	ERT Internal Training	Jennifer		online											
13	Office Safety	Effendi		online											
14	Cholesterol Matters			online											
15	Lowering Blood Pressure			online											
Legend:															
					as planned										
					partially completed										
					new schedule										
					on going										
					employees hired in 2018 do not enrol in these courses										
					integrated/removed										

## 4. Lumileds Bus Safety Guidelines

### LUMILEDS BUS SAFETY GUIDELINES

#### Boarding the Bus:

- Approach the bus only when it comes to a complete stop. Board the bus carefully when the door opens. It is dangerous to rush towards a moving bus.
- Please board the bus in an orderly manner, watch your steps and do not rush.
- Hold the handrail when boarding the bus.

#### When on the Bus:

- Do not sit on the front row seats. Sitting on the front seat is prohibited.
- When in the bus, remain seated throughout the journey . Standing in the bus is not allowed.
- It is mandatory to fasten the seat belt securely. We will expedite to install seatbelt on all buses.

#### Getting off at your stop:

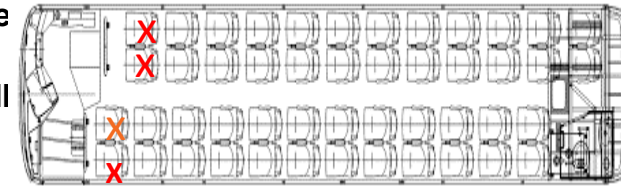
- Remain in the seat until the bus comes to a complete stop.
- Queue to disembark and do not rush.
- Always use the handrail and watch your steps as you get off from the bus.

#### Crossing the Road:

- Use the zebra crossing or designated pathway when crossing the road.
- In the event that zebra crossing or designated pathway is not available, take note of the following:
  - Do not cross in front or behind the bus.
  - Be alert. Look all around and listen to traffic before crossing.
  - Walk briskly and do not run when crossing



**Fasten the seatbelt**



**No seating on 1<sup>st</sup> front row seats**



**No standing in the bus**

Should you have further question or clarification, feel free to contact EHS and HR team.



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